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| To: Examiner Johannes P. Mondt | From: Leslie S. Szivos, Ph.D. |
| Fax: 703 872-9306 | Pages: 7 Including cover sheet |
| Phone: | Date: 3/30/2005 |
| Re: U.S. Appl. Serial No. 10/775,514 Filed February 10, 2004 Ref No. YOR920010308US1 (16315B) | CC: |

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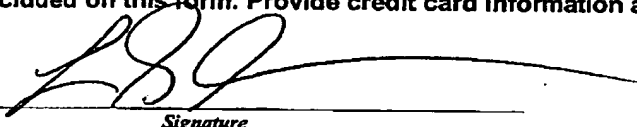
Attached hereto is:

1. General Transmittal (in duplicate)
2. Response Under 37 C.F. R. §1.111 & §1.143
3. Facsimile Transmittal

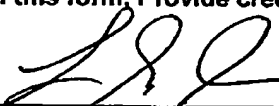
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P18/REV02

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|
| TRANSMITTAL LETTER (General - Patent Pending) | | | | Docket No. YOR920010308US3 (16315B) | |
| In Re Application Of: Jack O. Chu, et al. | | | | | |
| Application No. 10/775,514 | Filing Date February 10, 2004 | Examiner Johannes P. Mondt | Customer No. 23389 | Group Art Unit 2826 | Confirmation No. 1038 |
| Title: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si1-x-y GexCy AND Si1-yCy ALLOY LAYERS ON Si BY UHV-CVD | | | | | |
| <u>COMMISSIONER FOR PATENTS:</u> | | | | | |
| Transmitted herewith is: Response Under 37 C.F.R. §1.111 & §1.143 | | | | | |
| in the above identified application. | | | | | |
| <input checked="" type="checkbox"/> No additional fee is required. <input type="checkbox"/> A check in the amount of _____ is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM as described below. <input type="checkbox"/> Charge the amount of _____ <input checked="" type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional fee required. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. | | | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
|  _____ <i>Signature</i> | | | Dated: March 30, 2005 | | |
| Leslie S. Szivos, Ph.D. Registration No. 39,394 | | | <div style="border: 1px solid black; padding: 2px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence</div> | | |
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P16A/REV03

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------|
| TRANSMITTAL LETTER (General - Patent Pending) | | | | Docket No. YOR920010308US3 (16315B) | |
| In Re Application Of: Jack O. Chu, et al. | | | | | |
| Application No. 10/775,514 | Filing Date February 10, 2004 | Examiner Johannes P. Mondt | Customer No. 23389 | Group Art Unit 2826 | Confirmation No. 1038 |
| Title: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si1-x-y GexCy AND Si1-yCy ALLOY LAYERS ON Si BY UHV-CVD | | | | | |
| <u>COMMISSIONER FOR PATENTS:</u> | | | | | |
| Transmitted herewith is: Response Under 37 C.F.R. §1.111 & §1.143 | | | | | |
| In the above identified application. | | | | | |
| <input checked="" type="checkbox"/> No additional fee is required. | | | | | |
| <input type="checkbox"/> A check in the amount of _____ is attached. | | | | | |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM as described below. | | | | | |
| <input type="checkbox"/> Charge the amount of _____ | | | | | |
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|  _____ Signature | | | Dated: March 30, 2005 | | |
| Leslie S. Szivos, Ph.D. Registration No. 39,394 | | | <div style="border-bottom: 1px solid black; padding-bottom: 5px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px; text-align: center;">(Date)</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px; text-align: center;">Signature of Person Mailing Correspondence</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px; text-align: center;">Typed or Printed Name of Person Mailing Correspondence</div> | | |
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jack O. Chu, et al. **Examiner:** Johannes P. Mondt
Serial No: 10/775,514 **Art Unit:** 2826
Filed: February 10, 2004 **Docket:** YOR920010308US3 (16315B)
Dated: March 30, 2005
For: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF $\text{Si}_{1-x-y}\text{Ge}_x\text{C}_y$ and
 $\text{Si}_{1-y}\text{C}_y$ ALLOY LAYERS ON Si BY UHV-CVD

Confirmation No: 1038

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. §§1.111 AND 1.143

Sir:

In response to the Office Action dated March 2, 2005, applicants provisionally elect, without traverse, the subject matter of Species 1 for continued prosecution in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: March 30, 2005


Leslie S. Szivos, Ph.D.

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